

United States Government Printing Office  
Quality Control & Technical Department  
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Material Safety Data Sheet Page 1 of 3  
Date of Last Revision: April 14, 1993

### I. Product Information

Product Name: Brown Manuscript LBC Ink

Product Class: Liquid Specialty Ink

GPO Property Number: 674168

GPO Formula Number: 07416

### II. Hazardous Ingredients

| Ingredient          | Percent | Hazard Data:                     |
|---------------------|---------|----------------------------------|
| Octylene glycol     | 40 - 45 | No. P.E.L. or T.L.V. established |
| Polyalkylene glycol | 25 - 30 | No. P.E.L. or T.L.V. established |
| n-Decyl alcohol     | 10 - 15 | No. P.E.L. or T.L.V. established |
| Carbon black        | 0 - 1   | 3.5 mg/m <sup>3</sup> TWA (OSHA) |

### III. Health Effect Information

Eye Contact: Causes irritation.

Skin Contact: May cause skin irritation.

Inhalation: None currently known.

Ingestion: Low toxicity unless aspiration occurs.

Health Data: None known.

Systemic Effects: None known.

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#### IV. Emergency and First Aid Procedures

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**Eye Contact:** Flush with water for 15 minutes. Seek Medical attention.

**Skin Contact:** Wash area with soap and water.

**Inhalation:** No emergency care anticipated.

**Ingestion:** No harmful effects expected.

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#### V. Personal Health Protection Information

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**Eye Protection:** Safety glasses or goggles recommended.

**Skin Protection:** Gloves recommended for repeated or prolonged exposure.

**Ventilation:** General room ventilation is expected to be satisfactory for use at normal room temperatures.

**Respiratory Protection:** None anticipated to be necessary under normal working conditions.

**Other:**

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#### VI. Fire and Explosion Data

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| Flash Point Category<br>(NFPA) | Flash Point          | Lower Explosion Limit: |
|--------------------------------|----------------------|------------------------|
|                                | >200° F (Closed cup) | N.D.                   |

**Extinguishing Media:** Foam, CO<sub>2</sub>, dry chemical

**Special Fire Fighting Procedure:** Water may be ineffective but can be used to cool containers exposed to heat or flame.

**Unusual Fire and Explosion Hazards:** None known.

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#### VII. Reactivity Data

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| Stability<br>(thermal, light, etc.): | Stable (X)<br>Unstable ( ) | Conditions to Avoid |
|--------------------------------------|----------------------------|---------------------|
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**Incompatibility:**  
(materials to avoid): Strong oxidizing agents.

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VIII. Physical Data

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|                |          |                    |      |
|----------------|----------|--------------------|------|
| Boiling Range: | lb./gal. | Appearance         | Odor |
| Not determined | 8.0      | Brown, oily liquid | None |

Vapor Density: Heavier (X)  
vs. air           Lighter ( )

Evaporation Rate: Faster ( )  
vs. butyl acetate Slower (X)

Liquid Density: Heavier (X)  
vs. water       Lighter ( )

V.O.C. Content: 85%

Solubility in Water: Slight

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IX. Environmental Precautions

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**Procedure When Material is Spilled or Released:**

Clean up with absorbent material. Hydrocarbon solvent may be used to aid in cleaning. Remove all sources of ignition and provide adequate ventilation.

**Waste Disposal Method:**

Dispose of spilled material or empty containers in accordance with federal, state, and local regulations. This product is not a listed hazardous waste according to 40 CFR Part 261 nor does it contain "California List" compounds. It has not been tested according to the TCLP but contains none of the regulated compounds.

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X. Special Precautions

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**Handling and Storage Requirements:**

Store in closed containers in a cool, well ventilated area from heat, open flame, and oxidizing materials.

**Precautionary Statements:** Avoid skin contact.

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XI. Other Regulatory Requirements

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SARA: This product contains no compounds that are subject to Title III, Section 313 reporting requirements under the Superfund Amendments and Reauthorization Act.